

11 PEER REVIEW OF DNA DATA BANK SAMPLES	Page 1 of 2
TRAINING PROGRAM FOR THE ANALYSIS OF DNA DATA BANK SAMPLES USING PCR-BASED STR FLUORESCENCE IMAGING ANALYSIS AT THE POWERPLEX® 16 BIO LOCI	Issue No. 1
	Effective Date: 1-August-2003
<p>11 PEER REVIEW OF DNA DATA BANK SAMPLES</p> <p>11.1 GOALS:</p> <p>11.1.1 To become familiar with all paperwork associated with the analysis of DNA Data Bank samples generated by the DFS DNA Data Bank analysts and the contract laboratory DNA analysts, when appropriate.</p> <p>11.1.2 To become familiar with the peer review forms used to evaluate data generated by the DFS DNA Data Bank analysts and the contract laboratory DNA analysts, when appropriate.</p> <p>11.1.3 To have the ability to recognize a problem with the analytical data.</p> <p>11.2 TASKS:</p> <p>11.2.1 Review all of the paperwork and typing gel images associated with the analysis of a minimum of 280 DNA Data Bank samples generated by the “DFS DNA Data Bank analysts”.</p> <p>11.2.2 Review all of the paperwork and typing gel images associated with the analysis of a minimum of 280 DNA Data Bank samples generated by the “Contract Laboratory DNA analysts”, when appropriate.</p> <p>11.2.3 Complete the peer review forms used for evaluating data generated by the DFS DNA Data Bank Analyst and the contract laboratory DNA analysts, when appropriate.</p> <p>11.2.4 Successfully identify problem samples or problems with the controls associated with the samples reviewed in paragraphs 10.2.1 and 10.2.2, when appropriate.</p> <p>11.3 TRAINING EVALUATION:</p> <p>11.3.1 Knowledge</p> <p>11.3.1.1 Review the information reported on the peer review forms by the training coordinator.</p> <p>11.3.2 Skills</p> <p>11.3.2.1 The trainee should demonstrate the ability to identify problem samples and/or controls and determine when data is not acceptable and should be rejected</p> <p>11.3.3 Completion of the checklist by training coordinator.</p>	

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CHECKLIST FOR REPORT WRITING

1. Trainee is familiar with the paperwork and has the technology knowledge to review the typing gel images generated by the DNA Data Bank analysts in the Forensic Biology Section of the Virginia Division of Forensic Science.

Date: _____ Training Coordinator: _____

Comments: _____
2. Trainee is familiar with the paperwork and has the technology knowledge to review the typing gel images generated by the contract laboratory DNA analysts, when appropriate.

Date: _____ Training Coordinator: _____

Comments: _____
3. Trainee has demonstrated his/her ability to complete the peer review form used for evaluating data generated by the DFS DNA Data Bank analyst.

Date: _____ Training Coordinator: _____

Comments: _____
4. Trainee has demonstrated his/her ability to complete the peer review form used for evaluating data generated by the contract laboratory DNA analysts, when appropriate.

Date: _____ Training Coordinator: _____

Comments: _____
5. Notebook is organized and complete.

Date: _____ Training Coordinator: _____

Comments: _____

◆END